

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
 Data File : BP026082.D
 Acq On : 06 Nov 2025 18:26
 Operator : RC/JU
 Sample : Q3534-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-11

Quant Time: Nov 07 01:01:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

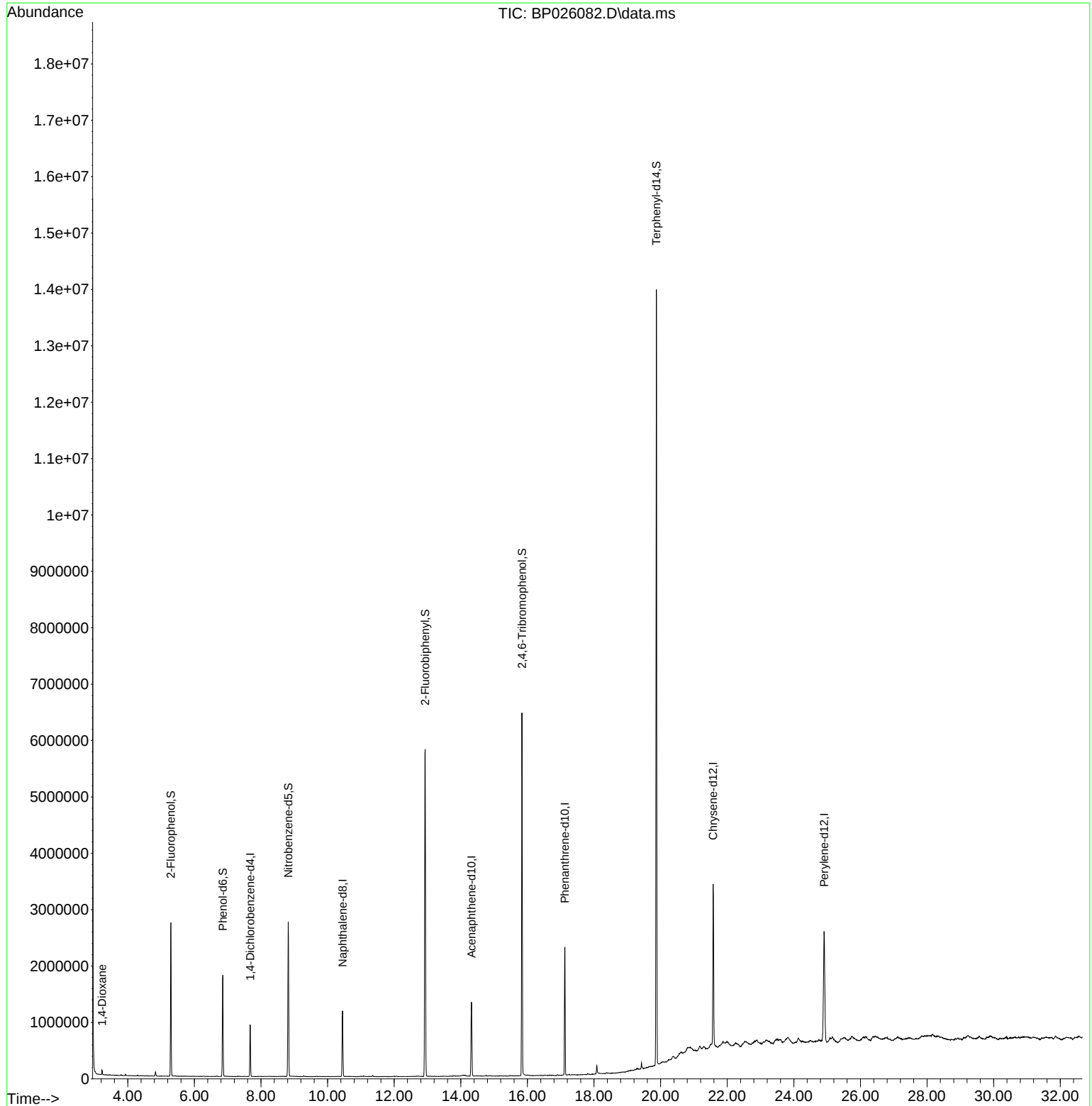
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.678	152	246596	20.000	ng	-0.01
21) Naphthalene-d8	10.448	136	961848	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	600974	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1364168	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1768109	20.000	ng	0.01
86) Perylene-d12	24.907	264	2046411	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.296	112	1162965	77.820	ng	0.00
7) Phenol-d6	6.855	99	1035158	54.421	ng	0.00
23) Nitrobenzene-d5	8.819	82	1589635	103.028	ng	0.00
42) 2,4,6-Tribromophenol	15.836	330	1219849	187.752	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	3634552	86.902	ng	0.00
79) Terphenyl-d14	19.871	244	7325193	84.172	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.225	88	36187	5.744	ng	Qvalue # 85

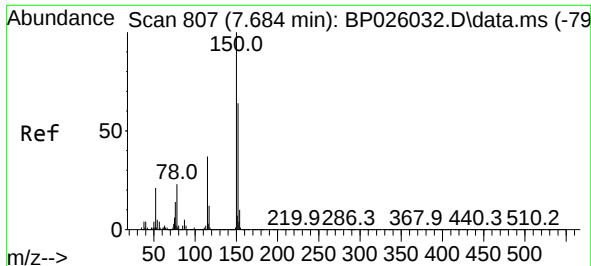
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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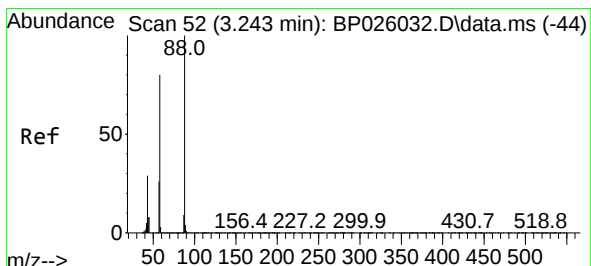
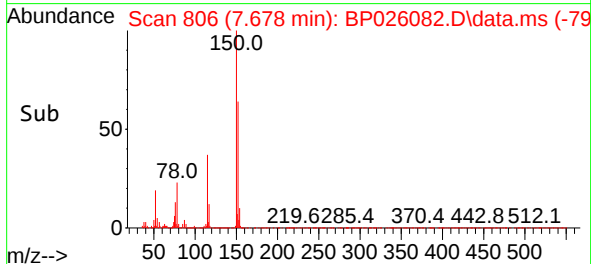
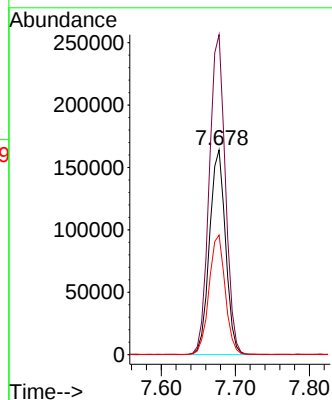
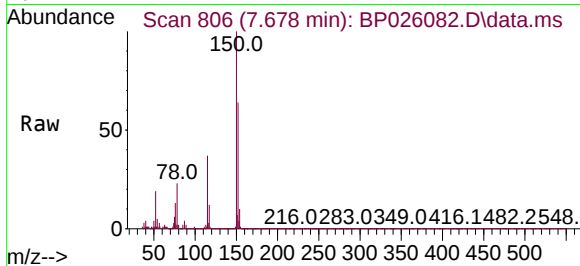




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.678 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BP026082.D
 Acq: 06 Nov 2025 18:26

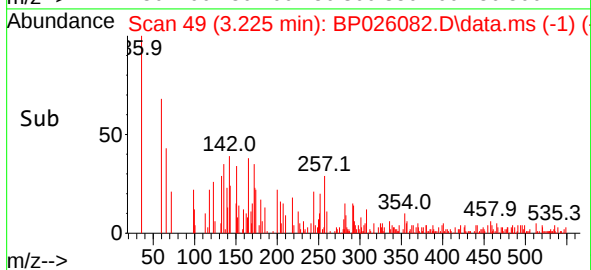
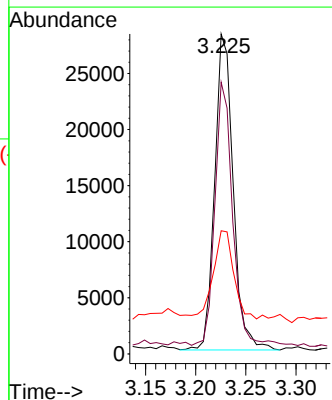
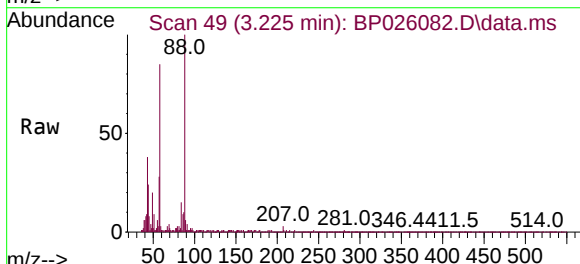
Instrument :
 BNA_P
 ClientSampleId :
 MW-11

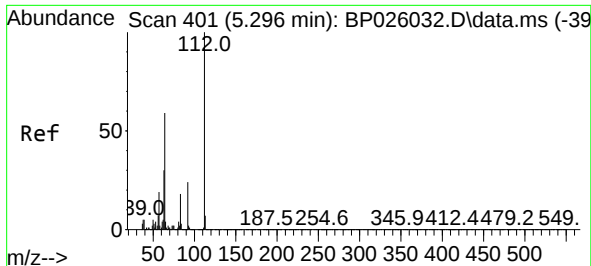
Tgt Ion:152 Resp: 246596
 Ion Ratio Lower Upper
 152 100
 150 156.3 125.7 188.5
 115 58.4 46.4 69.6



#2
 1,4-Dioxane
 Concen: 5.744 ng
 RT: 3.225 min Scan# 49
 Delta R.T. -0.012 min
 Lab File: BP026082.D
 Acq: 06 Nov 2025 18:26

Tgt Ion: 88 Resp: 36187
 Ion Ratio Lower Upper
 88 100
 58 81.1 65.4 98.0
 43 0.0 23.1 34.7#

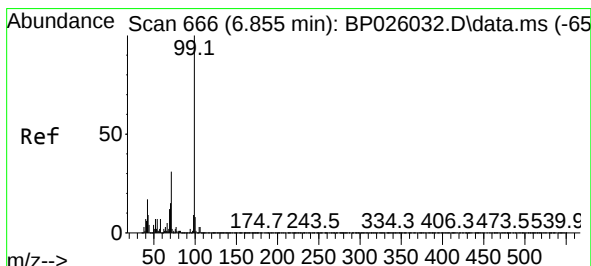
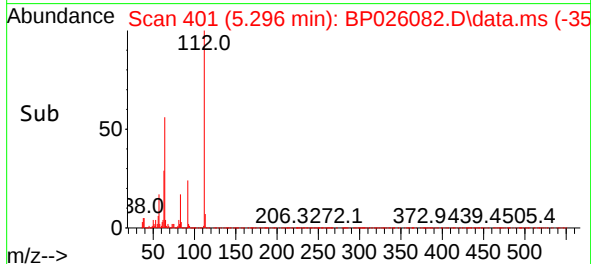
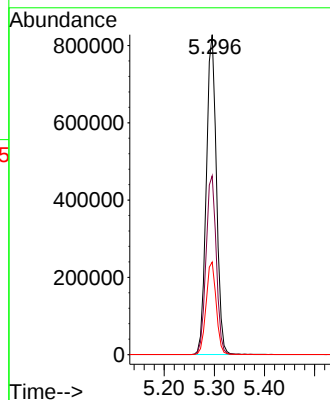
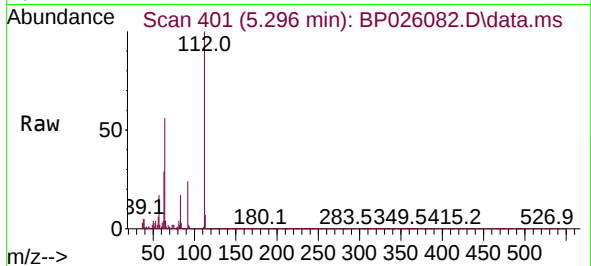




#5
2-Fluorophenol
Concen: 77.820 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

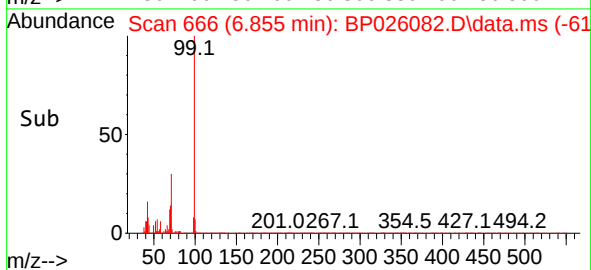
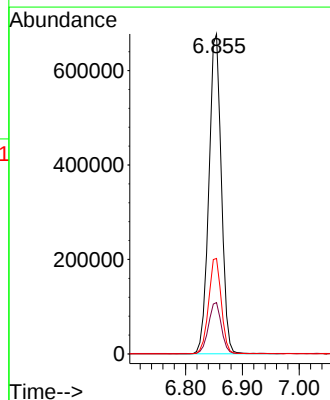
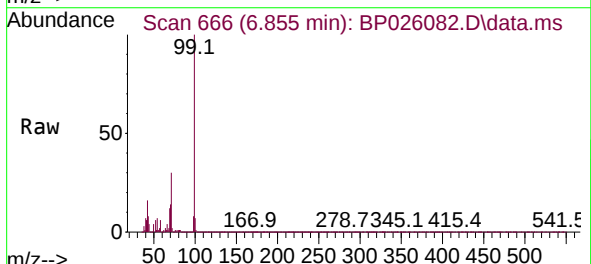
Instrument :
BNA_P
ClientSampleId :
MW-11

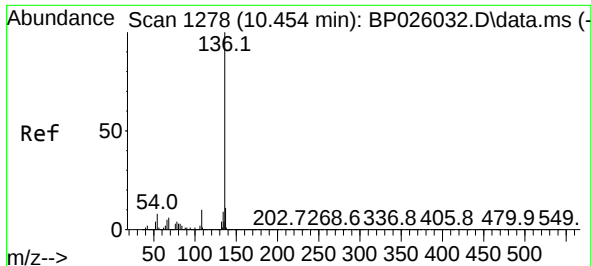
Tgt Ion:112 Resp: 1162965
Ion Ratio Lower Upper
112 100
64 55.9 47.4 71.2
63 28.9 24.2 36.4



#7
Phenol-d6
Concen: 54.421 ng
RT: 6.855 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Tgt Ion: 99 Resp: 1035158
Ion Ratio Lower Upper
99 100
42 16.0 13.7 20.5
71 29.9 24.4 36.6

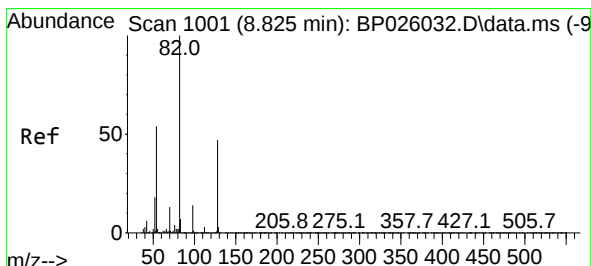
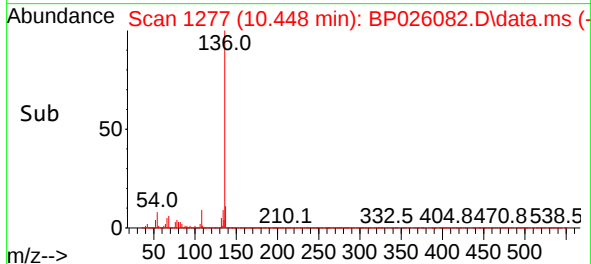
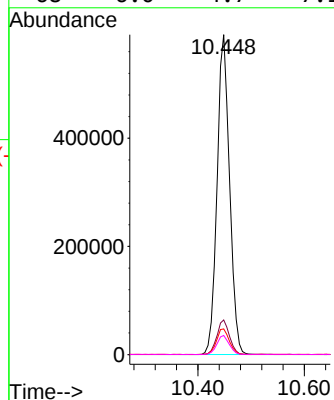
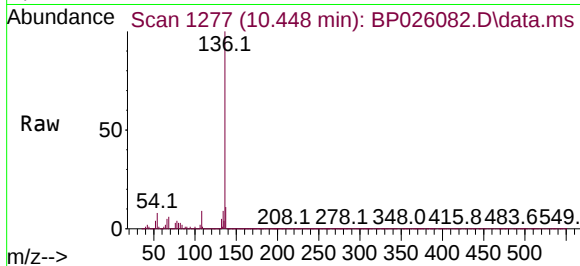




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.448 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

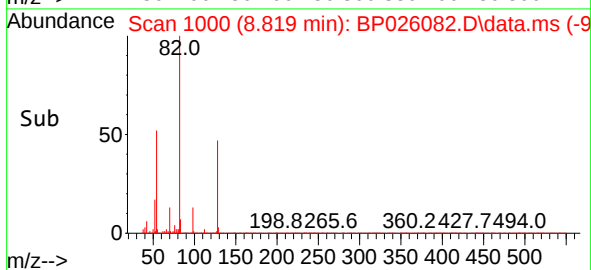
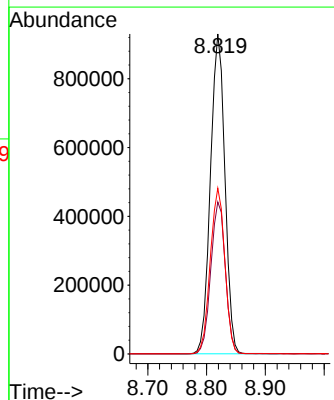
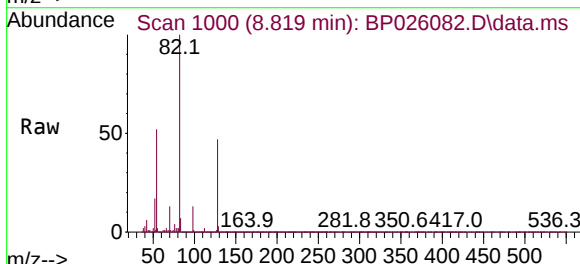
Instrument :
BNA_P
ClientSampleId :
MW-11

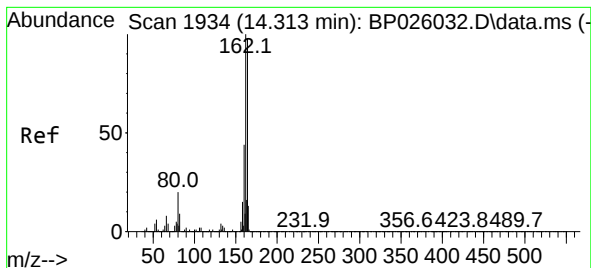
Tgt Ion:	136	Resp:	961848
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.0	6.6	10.0
68	6.0	4.7	7.1



#23
Nitrobenzene-d5
Concen: 103.028 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Tgt Ion:	82	Resp:	1589635
Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.4	56.0
54	51.8	42.7	64.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.319 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BP026082.D

Acq: 06 Nov 2025 18:26

Instrument :

BNA_P

ClientSampleId :

MW-11

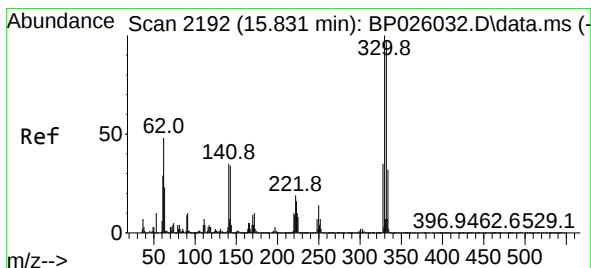
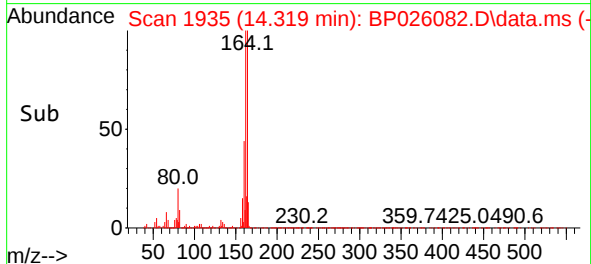
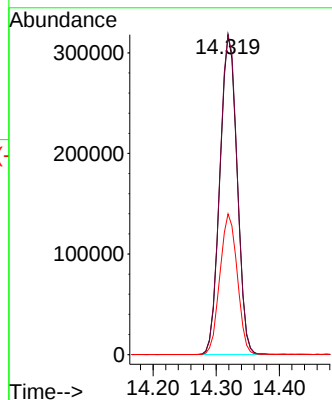
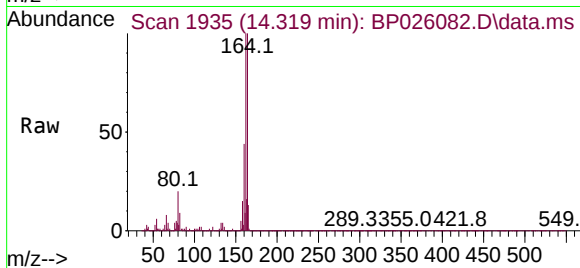
Tgt Ion:164 Resp: 600974

Ion Ratio Lower Upper

164 100

162 99.9 81.5 122.3

160 44.0 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 187.752 ng

RT: 15.836 min Scan# 2193

Delta R.T. 0.006 min

Lab File: BP026082.D

Acq: 06 Nov 2025 18:26

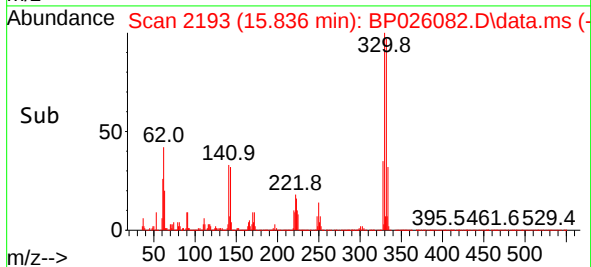
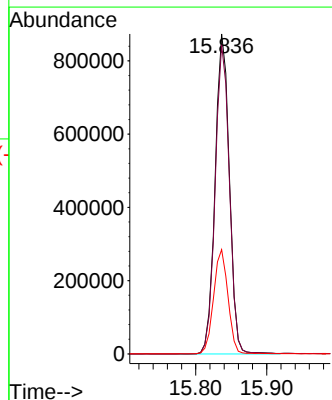
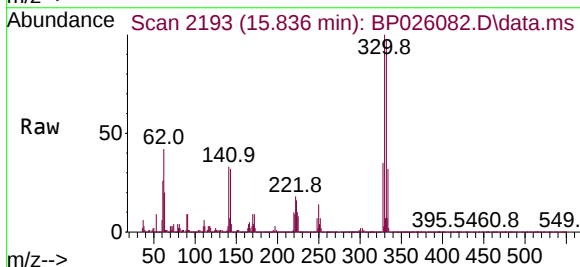
Tgt Ion:330 Resp: 1219849

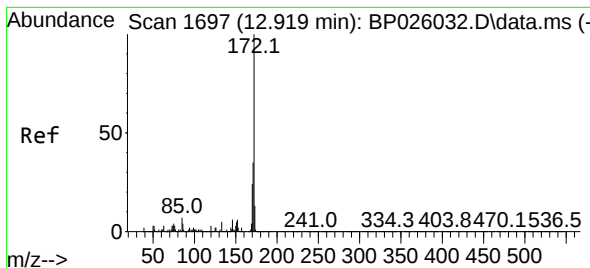
Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 32.9 28.6 42.8





#45

2-Fluorobiphenyl

Concen: 86.902 ng

RT: 12.931 min Scan# 1699

Delta R.T. -0.000 min

Lab File: BP026082.D

Acq: 06 Nov 2025 18:26

Instrument :

BNA_P

ClientSampleId :

MW-11

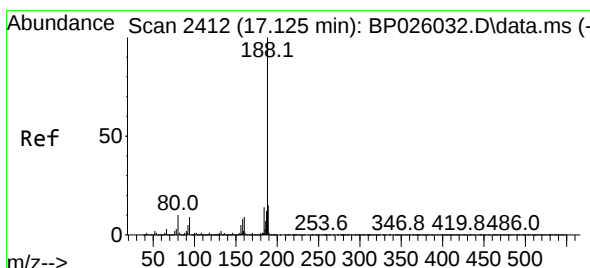
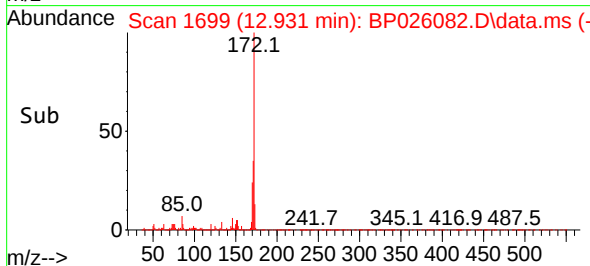
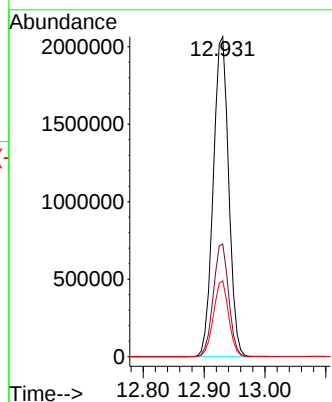
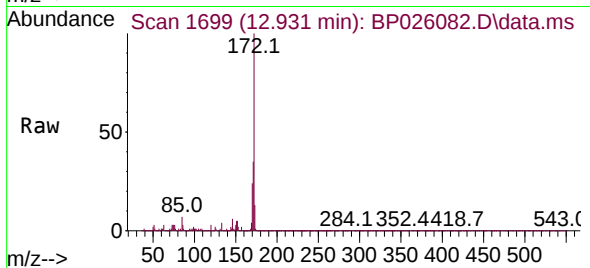
Tgt Ion:172 Resp: 3634552

Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

170 23.7 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.125 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BP026082.D

Acq: 06 Nov 2025 18:26

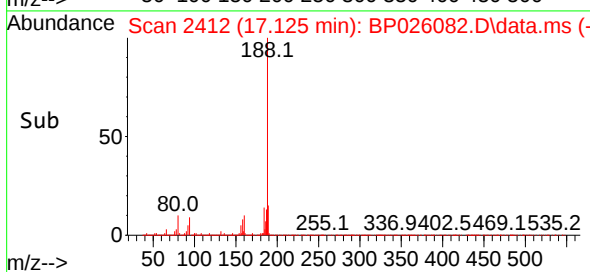
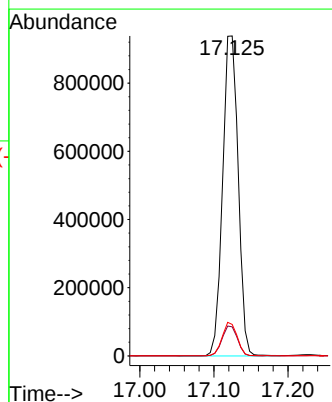
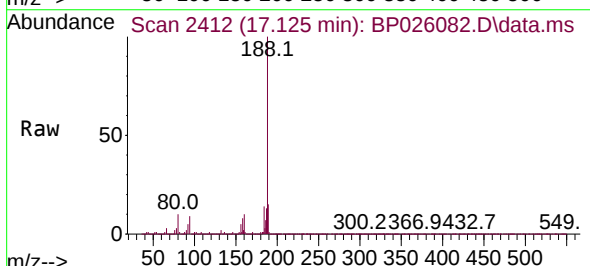
Tgt Ion:188 Resp: 1364168

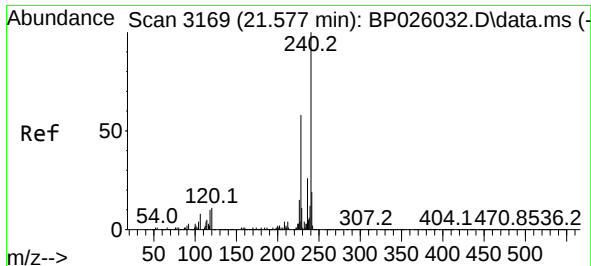
Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

80 9.8 7.9 11.9

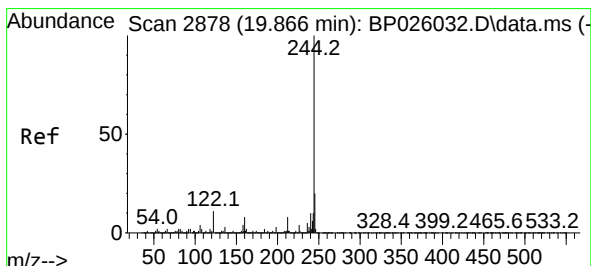
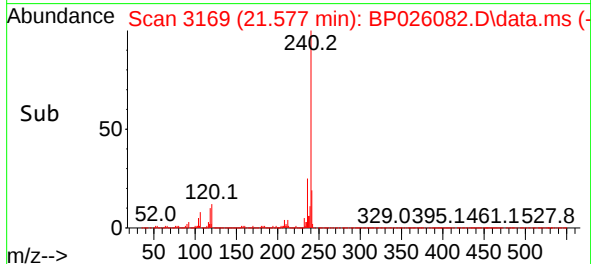
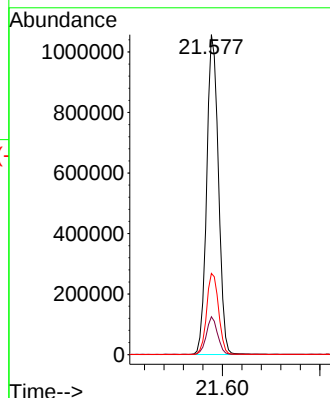
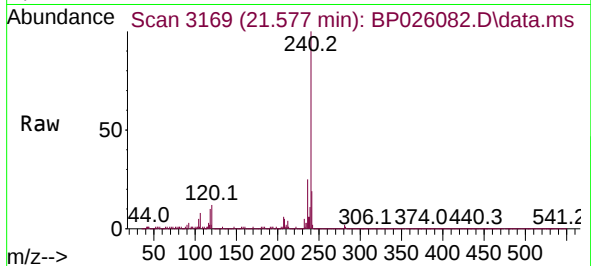




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

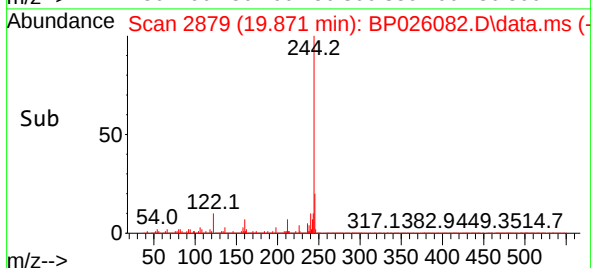
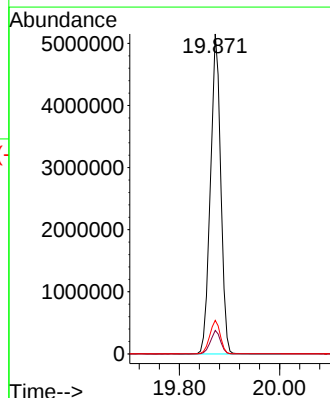
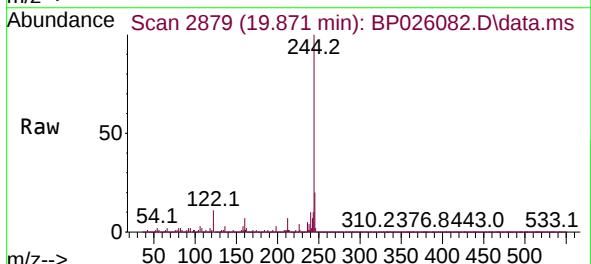
Instrument :
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ClientSampleId :
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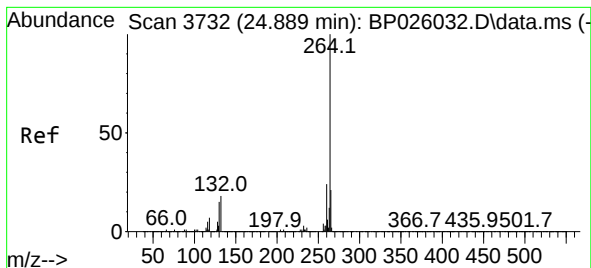
Tgt Ion:240 Resp: 1768109
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 25.4 20.6 31.0



#79
Terphenyl-d14
Concen: 84.172 ng
RT: 19.871 min Scan# 2879
Delta R.T. 0.006 min
Lab File: BP026082.D
Acq: 06 Nov 2025 18:26

Tgt Ion:244 Resp: 7325193
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 10.5 9.0 13.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.907 min Scan# 31

Delta R.T. 0.024 min

Lab File: BP026082.D

Acq: 06 Nov 2025 18:26

Instrument :

BNA_P

ClientSampleId :

MW-11

Tgt Ion:264 Resp: 2046411

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 22.0 17.2 25.8

